

INFORMATION REPORT

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SUBJECT Planned 1953 Raw Material Requirements for
DDR Heavy Machine Construction

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the planned raw material requirements of plants under

The Main Department for Heavy Machine Construction in the DDR Ministry for

25X1

Machine Construction

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Attachment 1

Article	Unit of Quantity*	Material Needed for Production in 1953	Tentative Allocation for 1953
Mineral coal		30,145	30,145
Industrial coke		135,845	135,845
Furnace coke		110,200	110,200
Gas coke		25,645	25,645
Lignite low-temperature coke		1,500	1,500
Chromium ore		10	
Giant diamonds	carats	1,000	
Pig iron		123,830	123,830
Foundry pig iron		112,870	112,870
Steel pig		9,320	9,320
Spiegeleisen		2,349	2,349
Semi-finished products for forges		43,622	43,622
Heavy bar steel for general use, over 30 mm.		26,800	26,800
Bar steel from high quality steels		4,000	4,000
Steel for hollow boring drills		100	100
Band steel		1,300	1,300
Rollad wire		500	500
Rollad plate		60,000	60,000
Heavy plate, 5 mm. and over		38,000	38,000
Medium plate, 3 to 5 mm.		14,500	14,500
Light plate, 0.9 to 3 mm.		6,500	6,500
Plate from tool steel, alloyed and non-corrosive		1,000	1,000
Pipe, seamless		10,700	10,700
Pipe, welded		4,500	4,500
Band steel, cold rolled		420	
Spring band steel (Federbandstahl)		250	
Drawn rod products		3,000	
Iron alloys		5,000	5,000
Non-ferrous metal in ingots		13,079.9	13,079.9
Refined and electrolytic copper		1,912	1,912
Refined and electrolytic lead		98.4	98.4
Crude tin		141	141
Smelting aluminum and alloys		1,015	1,015
Rollad products from non-ferrous metals		480	480
Steel scrap		97,838	97,838
Scrap iron		122,442	122,442
Bearing metal WM 10	tons	510	510
Bearing metal WM 80	tons	27	27
Soldering tin 30%	tons	31	31
Antimonial lead (Hartblei)	tons	26	26
Tar-paper (Rohdachpappe)	tons	50	50
Processing of cardboard and cartons	1,000 DME	100	100
Paper sacks	tons	13	13
Gray iron castings		110,000	110,000
Steel castings		28,000	28,000
Forged and stamped pieces from steel		20,741	20,741
Non-ferrous metal mould castings (Formguss)		2,890	2,890
Bronze mould castings		195	195
Brass mould castings		415	415
Red brass castings		670	670
Aluminum mould castings		1,150	1,150
Artificial leather (Gewebekunstleder)	1,000 sq.m.	2	2
Saddlery and jewelry	1,000 DME	250	250
Paper of all sorts	tons	190	190
Writing paper and newsprint	tons	38	38
Packing paper	tons	120	120
Cartons and pasteboard	tons	80	80
"Magnesite" NF and shaped brick	1,000 tons	0.465	0.465

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Article	Unit of Quantity	Material Needed for Production in 1953	Tentative Allocation for 1953
Abrasive paper	tons	48	
Wire-reinforced glass	1,000 sq.m.	12	
Cut coniferous lumber	1,000 cu.m.	25.8	25.8
Cut deciduous lumber	1,000 cu.m.	4	4
Plywood	1,000 DMF	282	282
Cotton textiles	1,000 sq.m.	15	15
Cotton-like textiles (Baumwollartige Gewebe)	1,000 sq.m.	16	16
Sack and packing textiles	1,000 sq.m.	7	7
Rugs (Tepiche & Laufer)	1,000 sq.m.	0.5	0.5
Types of rolled iron		73,000	78,000
I & U steel, NP 8 - 18		10,000	10,000
I & U steel, NP 18 and above		14,900	14,900
Normal rails		1,000	1,000
Field railway rails		1,000	1,000
Pine bar steel for general use		19,000	19,000
Zinc mould castings	tons	10	10
Magnesium mould castings	tons	450	450
Stranded wire		819	819
Welding electrodes		1,388	1,388
Wood screws		10	10
Screws and nuts		1,635	1,635
Drawn wire under 100 kg. strength		660	660
Drawn wire over 100 kg. strength		110	110
Welding wire and electrode core wire		830	830
Various nails and brads (Formstifte)		288	288
Alternating current motors, each over 100 KW		200	
Alternating current motors, up to 1,000 KW		44	
Alternating current motors, over 1,000 KW		10	
Electro-generators, over 100 KW		18	
Transformers, 100 - 750 KW		27	
Transformers, 750 - 2500 KW		34	
Transformers, 2500 - 25,000 KW		1	
Power cable	km.	300	
Telephone cable	km.	35	
Insulated wires, wire, (Schnur) and stranded wire	km.	2500	
Rubber tube wiring	km.	600	
Welding cable (Schweisskabel)	km.	100	
Other cables and wires	km.	450	
Lacquered wire and winding corner (Lackdraht & Wicklungskupfer)	km.	97	
Stop watches	each	535	
Diamond tools	carats	1,100	
Sulphur	tons	120.5	120.5
Sulphuric acid	tons	30	30
Soda, calc.	tons	300	300
Soda, caustic	tons	6	6
Nitric acid	tons	63	63
Calcium carbide	tons	3,950	3,950
Acetylene in steel containers	tons	1,000	
Activated coal (Aktiv-Kohle)	tons	1	
Inorganic dyes	tons	5	5
"Igeit"	tons	3	
Solvents	tons	5	5
Photographic and movie films	sq.m.	3,000	3,000
Lacquer and paint	tons	1,640	1,640
Automobile tires (Kraftfahrzeugdecken)	each	6,000	6,000
Benzol, purified	tons	8.6	8.6
Net and curtains	1,000 sq.m.	4	4
Ropes, cords, and wrapping string	tons	10	10
Technical felts "gewalt"(sic)** and pressed	tons	10	10
Hard leather	tons	10	10

** Probably "gewalzt" (rolled) is meant.

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<u>Article</u>	<u>Unit of Quantity</u>	<u>Material Needed for Production in 1953</u>	<u>Tentative Allocation for 1953</u>
Soft leather	1,000 sq.m	1	1
Artificial leather	1,000 DVE	14	14
Industrial caustic lime	1,000 tons	0.150	0.150
Portland cement	1,000 tons	4.0	4.0
Bricks	1,000,000 each	0.850	0.850
Roofing tile	1,000,000 each	0.285	0.285
Chamotte, normal, and shaped bricks	1,000 tons	26.3	26.3
Silicate NF and shaped bricks	1,000 tons	4.0	2,325

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